

Fatal and non-fatal accidents in other printing and bookbinding in Japan in 1999-2022

other printing and bookbinding industry Code No.010709

Type of accidents in other printing and bookbinding in 1999-2022

| Type of accidents                  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| fall from height                   | 3    | 7    | 4    | 10   | 10   | 8    | 8    | 8    | 7    | 9    | 3    | 2    | 2    | 2    | 4    | 2    | 3    | 7    | 6    | 6    | 11   | 8    | 13   | 8    | 151   |
| falling to same level              | 10   | 13   | 12   | 10   | 8    | 12   | 15   | 11   | 15   | 5    | 9    | 4    | 13   | 10   | 13   | 15   | 4    | 9    | 12   | 9    | 8    | 14   | 12   | 11   | 254   |
| crash                              | 2    | 3    | 4    |      | 7    | 4    | 3    | 1    | 3    | 4    | 2    | 2    | 7    | 1    | 2    | 2    | 3    | 2    | 1    | 4    | 2    | 2    | 2    | 3    | 66    |
| struck by flying or falling object | 4    | 3    | 2    | 4    | 2    | 5    | 8    | 2    | 2    | 4    | 3    | 3    | 4    | 2    | 1    |      | 2    | 1    | 1    | 5    | 1    |      | 3    | 3    | 65    |
| collapse                           |      | 1    | 2    | 2    | 3    |      | 1    |      | 1    |      | 1    | 1    | 1    | 1    | 2    | 1    | 2    |      |      | 4    | 1    | 1    | 1    |      | 26    |
| crashed by                         | 2    | 4    | 3    | 3    | 2    | 2    | 3    | 4    | 2    | 3    | 1    | 3    |      | 1    |      | 3    | 3    | 1    | 3    | 1    | 1    | 3    | 4    | 1    | 53    |
| caught in/between                  | 42   | 48   | 50   | 50   | 50   | 46   | 57   | 44   | 29   | 38   | 27   | 31   | 26   | 29   | 21   | 22   | 27   | 17   | 24   | 23   | 19   | 24   | 23   | 25   | 792   |
| cut                                | 7    | 5    | 11   | 7    | 8    | 10   | 3    | 12   | 8    | 10   | 5    | 6    | 7    | 5    | 6    | 5    | 6    | 4    | 4    | 8    | 5    | 5    | 6    | 5    | 158   |
| injury to the sole of the foot     |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1     |
| drown                              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| contact to high/low-               |      |      |      | 2    | 1    |      |      |      |      |      |      |      | 1    | 1    |      | 1    |      |      | 1    |      | 2    | 1    | 1    | 1    | 12    |

|                                    |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
|------------------------------------|----|----|-----|----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| temperature                        |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| contact to harmful substance       | 3  |    |     | 1  |     | 1  |     |    |    |    |    |    | 1  | 1  |    |    |    |    | 1  |    |    | 1  |    |    | 9     |
| electric shock                     |    |    |     |    |     |    |     |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1     |
| explosion                          |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| burst                              |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| fire                               |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| traffic accident (public road)     | 3  | 4  | 5   | 1  | 1   | 2  | 2   | 7  | 1  | 2  | 4  |    | 3  | 2  | 2  | 3  |    | 1  | 1  |    |    | 1  | 4  | 49 |       |
| traffic accident (others)          |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| reaction to motion/improper motion | 6  | 4  | 9   | 8  | 7   | 8  | 9   | 9  | 8  | 10 | 5  | 6  | 4  | 3  | 4  | 3  | 5  | 2  | 6  | 11 | 12 | 5  | 6  | 7  | 157   |
| others                             |    |    | 1   |    | 1   |    | 1   |    |    |    |    |    | 1  |    |    |    | 2  |    |    |    |    | 1  | 5  |    | 12    |
| unclassifiable                     | 1  |    |     | 1  |     |    |     | 1  | 1  |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    | 1  | 6     |
| total                              | 83 | 92 | 103 | 99 | 100 | 98 | 110 | 99 | 77 | 87 | 60 | 58 | 70 | 58 | 55 | 57 | 57 | 44 | 60 | 72 | 62 | 66 | 80 | 65 | 1,812 |

Causal agents (large) of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

| Causal (L) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| machine           | 38   | 42   | 52   | 52   | 50   | 50   | 53   | 46   | 33   | 40   | 30   | 33   | 31   | 32   | 22   | 23   | 29   | 22   | 19   | 28   | 21   | 22   | 28   | 26   | 822   |

|                                     |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
|-------------------------------------|----|----|-----|----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| crane, conveying machine            | 9  | 14 | 12  | 11 | 8   | 13 | 10  | 18 | 6  | 11 | 6  | 8  | 8  | 5  | 6  | 7  | 4  | 4  | 6  | 4  | 2  | 4  | 8  | 3  | 187   |
| other equipment                     | 6  | 8  | 9   | 8  | 14  | 10 | 13  | 13 | 13 | 9  | 5  | 3  | 5  | 6  | 11 | 10 | 7  | 4  | 12 | 8  | 14 | 15 | 13 | 13 | 229   |
| temporary buildings, establishments | 12 | 13 | 11  | 10 | 14  | 11 | 17  | 12 | 14 | 7  | 9  | 4  | 12 | 7  | 9  | 9  | 6  | 11 | 9  | 16 | 14 | 12 | 16 | 10 | 265   |
| substance, material                 | 9  | 5  | 6   | 3  | 4   | 6  | 6   | 3  | 2  | 5  | 4  | 5  | 6  | 3  | 1  | 1  | 4  |    | 3  | 3  | 3  | 2  | 3  | 3  | 90    |
| load                                | 5  | 5  | 7   | 9  | 8   | 3  | 4   | 2  | 5  | 8  | 4  | 4  | 4  | 2  | 1  | 3  | 4  | 3  | 6  | 8  | 2  | 4  | 5  | 4  | 110   |
| environment                         |    |    | 1   | 1  |     | 1  |     |    |    | 1  |    |    |    | 2  | 1  | 1  |    |    | 1  |    | 1  | 2  | 1  | 1  | 14    |
| others                              | 4  | 5  | 5   | 5  | 2   | 4  | 7   | 5  | 4  | 6  | 2  | 1  | 4  | 1  | 4  | 3  | 3  |    | 4  | 5  | 5  | 5  | 6  | 5  | 95    |
| total                               | 83 | 92 | 103 | 99 | 100 | 98 | 110 | 99 | 77 | 87 | 60 | 58 | 70 | 58 | 55 | 57 | 57 | 44 | 60 | 72 | 62 | 66 | 80 | 65 | 1,812 |

Causal agents (middle) of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

| Causal (M) agents            | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |  |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--|
| engine                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |  |
| power transmission mechanism | 3    | 1    | 3    | 1    |      | 1    |      |      |      | 1    |      | 4    |      | 3    | 1    |      | 1    |      |      | 1    | 1    | 1    |      |      | 22    |  |
| woodworking machine          |      |      | 2    |      |      | 1    |      |      |      | 1    |      |      |      | 1    |      | 1    |      |      |      | 1    |      | 1    |      |      | 8     |  |















|                               |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------------------------|--|--|---|--|---|--|---|--|--|---|---|--|--|---|---|---|---|---|---|---|---|---|---|---|----|
| pressure vessel               |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   |   |    |
| other pressure vessels        |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   |   |    |
| chemical facilities           |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   |   |    |
| gas welding equipment         |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   |   |    |
| arc welding equipment         |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   |   |    |
| other welding equipment       |  |  | 1 |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   | 1 |    |
| kiln, caldron                 |  |  |   |  | 1 |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   | 1 |    |
| industrial dryer              |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   | 1 |   |   |   | 1 |    |
| other kiln, caldron           |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   |   |    |
| transmission                  |  |  |   |  |   |  | 1 |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   | 1 |    |
| electric power facilities     |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   |   |   |   |   |   |    |
| other electrical equipment    |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   | 1 |   |   |   |   |   | 1 |    |
| human power cranes            |  |  |   |  |   |  |   |  |  |   |   |  |  |   |   |   |   |   |   | 1 |   | 2 |   | 3 |    |
| human power hauling equipment |  |  | 1 |  | 4 |  | 1 |  |  | 3 | 2 |  |  | 1 | 3 | 3 | 3 | 2 | 2 |   | 1 | 2 | 3 | 3 | 34 |

|   |  |  |   |  |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |
|---|--|--|---|--|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| human power<br>machine                              |  |  |   |  |   |  |   |   |   |   |   |   |   |   | 1 |   |   | 1 |   |   |   |   | 1 | 3  |    |
| hand tool   |  |  | 1 |  | 1 |  |   | 3 | 3 |   | 1 | 1 |   |   | 2 | 2 | 1 |   | 2 | 1 | 1 | 4 |   | 1  | 24 |
| ladder  |  |  |   |  | 4 |  | 2 | 2 | 3 | 2 | 1 | 2 | 2 |   | 2 | 1 |   | 2 | 2 |   | 4 | 3 | 3 | 4  | 39 |
| slinging tool                                       |  |  |   |  |   |  | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  |
| other tools   |  |  | 4 |  | 3 |  | 7 | 7 | 6 | 1 |   |   | 3 | 2 | 4 | 1 | 1 |   | 2 | 5 | 3 | 3 | 4 | 3  | 59 |
| other equipment,<br>facilities                      |  |  | 2 |  | 1 |  | 1 | 1 | 1 | 3 | 1 |   |   | 3 |   | 2 | 2 |   | 2 | 2 | 4 | 2 | 1 | 1  | 29 |
| scaffolding   |  |  |   |  |   |  |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   | 1 |   |   |    | 2  |
| timbering   |  |  |   |  |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |
| stairs, landing stage                               |  |  | 3 |  | 3 |  | 4 | 5 | 1 | 1 | 6 |   | 2 |   | 4 | 3 | 3 | 2 | 4 | 6 | 5 | 4 | 6 | 3  | 65 |
| opening   |  |  |   |  |   |  |   |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   | 1 |    | 3  |
| roof, beam, haze,<br>crossbeam,<br>principal rafter |  |  |   |  |   |  |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 |   |   | 1 |   |    | 3  |
| working platform,<br>boot board                     |  |  | 1 |  |   |  | 2 | 3 | 3 | 2 | 1 |   | 1 | 1 |   | 1 |   | 2 | 1 | 2 | 1 |   | 1 | 2  | 24 |
| passage   |  |  | 3 |  | 2 |  | 5 | 3 | 5 | 1 | 2 | 2 | 6 | 3 | 5 | 4 | 2 | 5 | 2 | 7 | 2 | 4 | 4 | 4  | 71 |
| building,<br>establishment                          |  |  | 1 |  | 6 |  | 3 | 1 | 1 | 2 |   | 1 | 3 |   | 1 |   | 2 |   |   | 2 | 2 | 3 | 1 | 29 |    |
| other temporary<br>buildings,                       |  |  | 3 |  | 3 |  | 3 |   | 3 |   |   | 1 |   | 1 |   |   | 1 |   | 1 | 1 | 1 | 3 | 1 | 1  | 22 |



|                                   |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
|-----------------------------------|----|----|-----|----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| environment                       |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
| high/cold temperature environment |    |    |     |    |     |    |     |    |    |    |    |    | 1  |    |    |    |    |    |    | 1  | 1  |    | 1  | 4  |       |
| other environments                |    |    | 1   |    |     |    |     |    |    | 1  |    |    | 1  | 1  | 1  |    |    | 1  |    |    | 1  | 1  |    | 8  |       |
| other causal agent                |    |    |     | 1  |     |    |     |    |    | 1  |    | 2  |    | 2  | 1  | 1  |    | 1  |    |    | 2  | 5  | 1  | 17 |       |
| no causal agent                   |    |    | 5   | 1  |     | 7  | 4   | 4  | 5  | 2  | 1  | 2  | 1  | 2  | 1  | 2  |    | 3  | 5  | 5  | 3  | 1  | 3  | 57 |       |
| unclassifiable                    |    |    |     |    |     |    | 1   |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    | 1  | 3  |       |
| total                             | 83 | 92 | 103 | 99 | 100 | 98 | 110 | 99 | 77 | 87 | 60 | 58 | 70 | 58 | 55 | 57 | 57 | 44 | 60 | 72 | 62 | 66 | 80 | 65 | 1,812 |

Workers age of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

| Age                  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 19 years old or less | 4    | 5    | 7    | 3    | 3    | 4    | 5    | 2    | 1    | 1    | 1    | 3    |      | 1    | 3    | 1    | 1    |      |      | 1    |      | 1    | 1    | 1    | 49    |
| 20-29                | 23   | 20   | 26   | 25   | 28   | 25   | 27   | 24   | 15   | 24   | 15   | 12   | 8    | 7    | 7    | 5    | 8    | 7    | 16   | 11   | 7    | 4    | 12   | 6    | 362   |
| 30-39                | 16   | 17   | 23   | 20   | 22   | 29   | 28   | 27   | 28   | 24   | 14   | 17   | 27   | 20   | 11   | 22   | 19   | 9    | 12   | 15   | 8    | 11   | 19   | 14   | 452   |
| 40-49                | 22   | 17   | 16   | 19   | 13   | 14   | 12   | 18   | 6    | 17   | 13   | 11   | 13   | 14   | 10   | 11   | 20   | 18   | 17   | 20   | 19   | 16   | 16   | 12   | 364   |
| 50-59                | 14   | 25   | 25   | 21   | 21   | 18   | 26   | 17   | 19   | 9    | 5    | 7    | 14   | 8    | 17   | 11   | 4    | 4    | 12   | 14   | 20   | 20   | 21   | 20   | 372   |
| 60 years old or more | 4    | 8    | 6    | 11   | 13   | 8    | 12   | 11   | 8    | 12   | 12   | 8    | 8    | 8    | 7    | 7    | 5    | 6    | 3    | 11   | 8    | 14   | 11   | 12   | 213   |
| total                | 83   | 92   | 103  | 99   | 100  | 98   | 110  | 99   | 77   | 87   | 60   | 58   | 70   | 58   | 55   | 57   | 57   | 44   | 60   | 72   | 62   | 66   | 80   | 65   | 1,812 |

Workers' number of workplace of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

| Workers scale       | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 9 workers or less   | 13   | 22   | 14   | 19   | 14   | 12   | 12   | 12   | 15   | 12   | 9    | 7    | 13   | 10   | 10   | 6    | 3    | 8    | 5    | 6    | 9    | 10   | 12   | 11   | 264   |
| 10-29               | 16   | 25   | 36   | 18   | 27   | 30   | 31   | 29   | 18   | 24   | 15   | 21   | 19   | 15   | 11   | 16   | 17   | 13   | 16   | 19   | 10   | 13   | 18   | 24   | 481   |
| 30-49               | 16   | 18   | 10   | 18   | 16   | 10   | 13   | 12   | 9    | 13   | 10   | 8    | 19   | 6    | 8    | 4    | 14   | 7    | 10   | 12   | 16   | 8    | 11   | 5    | 273   |
| 50-99               | 18   | 11   | 21   | 20   | 19   | 20   | 26   | 20   | 18   | 22   | 10   | 11   | 9    | 13   | 13   | 13   | 12   | 3    | 20   | 12   | 11   | 13   | 14   | 10   | 359   |
| 100-299             | 14   | 11   | 19   | 15   | 18   | 22   | 24   | 24   | 16   | 13   | 16   | 10   | 7    | 11   | 8    | 18   | 8    | 12   | 6    | 19   | 13   | 17   | 16   | 14   | 351   |
| 300 workers or more | 6    | 5    | 3    | 9    | 6    | 4    | 4    | 2    | 1    | 3    |      | 1    | 3    | 3    | 5    |      | 3    | 1    | 3    | 4    | 3    | 5    | 9    | 1    | 84    |
| total               | 83   | 92   | 103  | 99   | 100  | 98   | 110  | 99   | 77   | 87   | 60   | 58   | 70   | 58   | 55   | 57   | 57   | 44   | 60   | 72   | 62   | 66   | 80   | 65   | 1,812 |

Month of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

| Month    | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| January  | 4    | 5    | 9    | 7    | 10   | 13   | 3    | 18   | 6    | 6    | 8    | 5    | 4    | 7    | 6    | 4    | 3    | 6    | 6    | 5    | 5    | 7    | 7    | 6    | 160   |
| February | 7    | 8    | 4    | 10   | 3    | 6    | 13   | 7    | 9    | 13   | 4    | 3    | 6    | 8    | 1    | 5    | 5    | 5    | 5    | 5    | 6    | 5    | 12   |      | 150   |
| March    | 4    | 11   | 7    | 10   | 8    | 10   | 18   | 8    | 11   | 5    | 9    | 11   | 6    | 9    | 4    | 6    | 6    | 4    | 3    | 7    | 5    | 7    | 10   | 7    | 186   |
| April    | 5    | 6    | 8    | 4    | 8    | 6    | 13   | 11   | 16   | 3    | 10   | 2    | 4    | 6    | 4    | 5    | 3    | 3    | 8    | 6    | 5    | 9    | 5    | 5    | 155   |
| May      | 4    | 9    | 11   | 9    | 9    | 7    | 9    | 9    | 7    | 8    | 5    | 2    | 8    | 1    | 5    | 2    | 2    | 3    | 3    | 3    | 4    | 6    | 14   | 7    | 147   |
| June     | 12   | 9    | 9    | 6    | 8    | 5    | 11   | 9    | 3    | 11   | 2    | 5    | 3    | 7    | 6    | 2    | 5    | 4    | 3    | 2    | 4    | 2    | 7    | 6    | 141   |

|           |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
|-----------|----|----|-----|----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| July      | 4  | 9  | 9   | 11 | 8   | 6  | 4   | 5  | 2  | 7  | 2  | 4  | 6  | 2  | 6  | 5  | 7  | 3  | 5  | 9  | 10 | 4  | 5  | 8  | 141   |
| August    | 7  | 8  | 8   | 11 | 9   | 11 | 10  | 7  | 8  | 7  | 2  | 2  | 3  | 5  | 3  | 8  | 8  |    | 7  | 8  | 5  | 4  | 4  | 8  | 153   |
| September | 9  | 2  | 12  | 2  | 6   | 11 | 8   | 5  | 3  | 8  | 7  | 6  | 8  | 3  | 8  | 4  | 7  | 2  | 6  | 7  | 11 | 9  | 6  | 3  | 153   |
| October   | 9  | 10 | 13  | 12 | 12  | 6  | 6   | 5  | 2  | 4  | 4  | 2  | 3  | 4  | 5  | 4  | 4  | 7  | 4  | 7  | 3  | 8  | 2  | 7  | 143   |
| November  | 10 | 8  | 7   | 9  | 9   | 8  | 11  | 4  | 5  | 8  | 3  | 8  | 8  | 2  | 2  | 6  | 3  | 5  | 5  | 9  | 2  | 2  | 6  | 4  | 144   |
| December  | 8  | 7  | 6   | 8  | 10  | 9  | 4   | 11 | 5  | 7  | 4  | 8  | 11 | 4  | 5  | 6  | 4  | 2  | 5  | 4  | 2  | 3  | 2  | 4  | 139   |
| total     | 83 | 92 | 103 | 99 | 100 | 98 | 110 | 99 | 77 | 87 | 60 | 58 | 70 | 58 | 55 | 57 | 57 | 44 | 60 | 72 | 62 | 66 | 80 | 65 | 1,812 |

Prefecture of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

| Prefecture | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Hokkaido   | 1    | 1    | 2    |      | 2    |      | 1    |      | 1    | 1    | 1    |      |      |      | 3    | 4    | 1    | 3    | 1    | 4    |      | 2    |      | 3    | 31    |
| Aomori     |      | 1    | 1    |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      | 1    |      |      | 1    |      | 6     |
| Iwate      | 1    |      | 1    |      |      |      | 1    |      |      | 2    |      |      | 2    |      |      |      |      |      | 1    |      |      | 1    |      |      | 9     |
| Miyagi     |      | 2    |      |      |      |      |      |      |      |      |      | 1    |      | 1    | 1    |      |      | 1    | 1    |      | 1    | 2    | 1    |      | 11    |
| Akita      |      |      |      |      |      |      |      |      |      |      |      | 2    |      | 1    |      |      |      |      |      |      |      | 1    |      |      | 4     |
| Yamagata   | 1    |      |      |      |      |      | 1    |      | 1    | 1    | 1    |      |      | 2    |      |      |      |      |      |      |      |      | 1    |      | 8     |
| Fukushima  | 1    | 4    | 1    |      |      |      |      | 1    |      |      |      |      |      |      | 1    |      | 1    | 2    |      | 2    |      | 1    | 3    | 2    | 19    |
| Ibaraki    | 4    | 1    | 4    |      | 6    |      | 6    | 7    | 3    | 10   | 4    | 3    | 6    | 5    | 4    | 2    | 6    | 2    | 6    | 4    | 7    | 6    | 13   | 5    | 114   |
| Tochigi    | 3    | 1    |      |      | 1    |      | 1    | 2    | 2    | 1    | 2    | 1    | 2    | 1    | 3    | 1    |      | 3    | 2    | 5    | 1    | 4    | 5    | 2    | 43    |
| Gunma      | 2    |      | 2    |      | 1    |      | 1    | 1    |      |      |      | 1    | 2    |      | 4    | 1    | 1    | 1    | 2    |      | 1    | 1    | 2    |      | 23    |





|           |    |    |     |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |
|-----------|----|----|-----|----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| Shimane   | 2  |    | 1   |    | 5   |    | 2   | 2  |    | 1  | 1  |    | 1  |    |    |    |    |    |    |    |    |    |    | 15 |       |
| Okayama   | 2  | 1  |     |    | 4   |    | 1   | 2  |    |    |    |    | 3  |    | 1  | 2  | 3  |    | 2  | 1  | 2  | 2  | 3  | 1  | 30    |
| Hiroshima | 2  | 3  | 2   |    |     |    | 4   |    | 3  | 2  |    | 3  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 1  |    | 1  |    | 30    |
| Yamaguchi |    |    | 1   |    | 2   |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 3     |
| Tokushima |    | 1  | 2   |    |     |    | 1   |    |    | 1  |    |    | 1  | 1  |    |    | 1  | 1  |    |    |    |    | 2  |    | 11    |
| Kagawa    | 1  |    | 1   |    |     |    | 2   | 1  |    | 1  | 3  |    |    | 2  |    | 1  | 1  | 1  | 3  | 1  | 1  | 1  | 1  | 2  | 23    |
| Ehime     |    | 1  | 1   |    |     |    |     | 1  |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  | 6     |
| Kochi     |    | 1  |     |    | 1   |    | 2   | 1  | 2  | 1  | 1  | 2  |    | 1  | 1  | 1  |    |    |    | 2  | 1  |    |    |    | 17    |
| Fukuoka   | 1  | 4  | 4   |    | 3   |    | 1   | 2  | 2  |    | 1  | 2  |    | 1  | 1  | 1  | 2  |    |    | 2  | 1  |    | 1  | 4  | 33    |
| Saga      |    |    |     |    |     |    | 2   |    |    |    |    |    |    | 1  |    |    |    |    | 1  | 1  |    |    |    |    | 5     |
| Nagasaki  | 1  |    |     |    |     |    |     | 2  |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    | 4     |
| Kumamoto  |    |    |     |    |     |    |     | 2  |    |    | 1  | 1  |    |    | 1  |    |    | 1  |    |    | 2  | 2  |    |    | 10    |
| Oita      |    |    |     |    | 1   |    |     |    |    |    |    |    |    | 1  |    |    |    |    |    |    | 1  |    | 1  |    | 4     |
| Miyazaki  |    |    |     |    |     |    |     |    |    | 1  |    | 1  | 1  |    |    |    |    |    |    |    | 1  |    |    |    | 4     |
| Kagoshima |    |    |     |    | 1   |    |     |    |    |    |    |    | 1  |    | 1  |    |    |    |    |    |    |    | 3  | 1  | 7     |
| Okinawa   |    |    | 1   |    |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1     |
| total     | 83 | 92 | 103 | 99 | 100 | 98 | 110 | 99 | 77 | 87 | 60 | 58 | 70 | 58 | 55 | 57 | 57 | 44 | 60 | 72 | 62 | 66 | 80 | 65 | 1,812 |

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.



|                                    |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
|------------------------------------|--|---|---|--|--|--|--|--|--|---|--|---|--|--|--|--|--|--|--|--|--|---|---|---|
| drown                              |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| contact to high/low-temperature    |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| contact to harmful substance       |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| electric shock                     |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| explosion                          |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| burst                              |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| fire                               |  | 1 |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   | 1 |
| traffic accident (public road)     |  |   |   |  |  |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  |  |   |   | 2 |
| traffic accident (others)          |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| reaction to motion/improper motion |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| others                             |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| unclassifiable                     |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |   |   |   |
| total                              |  | 1 | 1 |  |  |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  |  | 2 | 1 | 7 |

Causal agents (large) of fatal accidents in other printing and bookbinding in 1999-2022























|   |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |   |  |   |
|---|--|---|---|--|--|--|--|--|--|---|--|---|--|--|--|--|--|--|--|--|---|---|--|---|
| environment                             |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |   |  |   |
| high/cold<br>temperature<br>environment |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |   |  |   |
| other environments                      |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |   |  |   |
| other causal agent                      |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |   |  |   |
| no causal agent                         |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |   |  |   |
| unclassifiable                          |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |   |  |   |
| total                                   |  | 1 | 1 |  |  |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  | 2 | 1 |  | 7 |

Workers age of fatal accidents in other printing and bookbinding in 1999-2022

| Age                     | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 19 years old or less    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| 20-29                   |      | 1    | 1    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      | 3     |
| 30-39                   |      |      |      |      |      |      |      |      |      | 1    |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      | 2     |
| 40-49                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| 50-59                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      | 1     |
| 60 years old or<br>more |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      | 1     |
| total                   |      | 1    | 1    |      |      |      |      |      |      |      | 1    |      | 1    |      |      |      |      |      |      |      |      | 2    | 1    |      | 7     |

Workers' number of workplace of fatal accidents in other printing and bookbinding in 1999-2022

| Workers scale       | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 9 workers or less   |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |      |      |      | 1    |      |      | 2     |
| 10-29               |      |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1     |
| 30-49               |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      | 2     |
| 50-99               |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1     |
| 100-299             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| 300 workers or more |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      | 1     |
| total               |      | 1    | 1    |      |      |      |      |      |      |      | 1    |      | 1    |      |      |      |      |      |      |      |      | 2    | 1    |      | 7     |

Month of fatal accidents in other printing and bookbinding in 1999-2022

| Month    | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| January  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| February |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| March    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| April    |      |      |      |      |      |      |      |      |      | 1    |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1     |
| May      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      | 1     |
| June     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |      |      | 1     |







|           |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
|-----------|--|---|---|--|--|--|--|--|--|---|--|---|--|--|--|--|--|--|---|---|---|--|---|
| Shimane   |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Okayama   |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Hiroshima |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Yamaguchi |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Tokushima |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Kagawa    |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  | 1 |   |   |  | 1 |
| Ehime     |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Kochi     |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Fukuoka   |  |   |   |  |  |  |  |  |  | 1 |  |   |  |  |  |  |  |  |   |   |   |  | 1 |
| Saga      |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Nagasaki  |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Kumamoto  |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Oita      |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Miyazaki  |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Kagoshima |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| Okinawa   |  |   |   |  |  |  |  |  |  |   |  |   |  |  |  |  |  |  |   |   |   |  |   |
| total     |  | 1 | 1 |  |  |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |   | 2 | 1 |  | 7 |

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> (MHLW, Japan)

Return to [https://www.jisha.or.jp/english/statistics/2022e\\_industry.html](https://www.jisha.or.jp/english/statistics/2022e_industry.html)